Subtotal: 16

Subtotal: 13

## Four-Year Degree Plan for Major in Biology, B.S., with a Concentration in Pre-Health Professions

Note that this is a sample four-year plan. There are other course sequences that will allow a student to graduate within four years as long as prerequisite courses are taken in the proper sequence. A student must earn a minimum of 124 credit hours to qualify for the Bachelor of Science degree in Biology, with a Concentration in Pre-Health Professions.

## Four Year Degree Plan

MAT 260

**BAC 102** 

First (Freshman) Year - Fall Semester

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
	or	
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
AWR 101	Writing and Inquiry	4
BAC 101	First-Year Seminar I	1
	or	
HON 101	Pathways to Honors 1	1
MAT 170	Precalculus	4
	Sub	total: 17
	Sub nan) Year - Spring Semester	total: 17
		ototal: 17
First (Freshm	nan) Year - Spring Semester	
First (Freshmann)	nan) Year - Spring Semester General Biology I	3
First (Freshmann)	nan) Year - Spring Semester General Biology I General Biology I Laboratory	3
First (Freshmann) 198 BIO 198L	nan) Year - Spring Semester General Biology I General Biology I Laboratory or	3
First (Freshmann BIO 198 BIO 198L BIO 199	nan) Year - Spring Semester General Biology I General Biology I Laboratory or General Biology II	3 1 3
First (Freshmann BIO 198 BIO 198L BIO 199	nan) Year - Spring Semester General Biology I General Biology I Laboratory or General Biology II	3 1 3
First (Freshm BIO 198 BIO 198L BIO 199 BIO 199L	General Biology I Laboratory or General Biology II General Biology II General Biology II Connected Biology II Laboratory	3 1 3 1

## Subtotal: 17

Upper-division biology courses (above BIO 199, ENS 200, and MAR 201) require completion of the lower-core curriculum with a grade of "C" or better in each course — BIO 198, BIO 198L BIO 199, BIO 199L, CHE 152, CHE 153, CHE 154, CHE 155, MAT 170.

Science (Bacc. Exp.)

Humanities / Fine Arts or Social

BAC 102 / Pathways to Honors 2

Second (Sophomore) Year - Fall Semester

Calculus I

BIO 200	General Genetics	4
	or	
BIO 201	Molecular Genetics	4
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
PHY 200	General Physics I	4
	or	
PHY 205	General Physics with Calculus I	4
AWR 201	Writing and Research	4

## Subtotal: 16

BIO	Category requirement (I, II or III), PP	4
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
PHY 201	General Physics II	4
	or	
PHY 206	General Physics with Calculus II	4

TIHLA (TANIO)	r) Year - Fall Semes	ter			
BIO	Pre-Professional elec	tive			4
	Humanities/Fine A	rts	or	Social	4
	Science (Bacc. Exp.)				
	General Elective				4
	General Elective				4
				Subtota	l: 16
Third (Junior	e) Year - Spring Sen	nest	er		
BIO	Pre-Professional elec				4
BIO	Category requiremen	t (I, 1	I or	III), PP	4
	Humanities/Fine A	rts	or	Social	4
	Science (Bacc. Exp.)				
	Humanities/Fine A	rts	or	Social	4
	Science (Bacc. Exp.)				
	Belefice (Bace, Exp.)				
-	Belefiee (Bace, Exp.)			Subtota	l: 16
Fourth (Senio	or) Year - Fall Seme			Subtota	l: 16
Fourth (Senio		ster		Subtota	d: 16
,	or) Year - Fall Seme	ster		Subtota	
,	or) Year - Fall Seme Pre-Professional elec	ster		Subtota	4
,	or) Year - Fall Seme Pre-Professional elec General Elective General Elective	ster	or	Subtota	4 4
,	or) Year - Fall Seme Pre-Professional elec General Elective General Elective	ester etive			4 4 4
,	Pre-Professional elec General Elective General Elective Humanities/Fine A	ester etive			4 4 4 4
вю	Pre-Professional elec General Elective General Elective Humanities/Fine A	ester etive arts	or	Social	4 4 4 4
вю	Pre-Professional elec General Elective General Elective Humanities/Fine A Science (Bacc. Exp.)	ester etive arts	or	Social	4 4 4 4
BIO Fourth (Senic	Pre-Professional elective General Elective General Elective Humanities/Fine A Science (Bacc. Exp.)  Pr) Year - Spring Se	ester etive arts	or	Social	4 4 4 4 4 1: 16
BIO Fourth (Senic	Pre-Professional elective General Elective Humanities/Fine A Science (Bacc. Exp.)  Pre-Professional elective Pre-Professional elective	ester etive arts	or	Social	4 4 4 4 4 1: 16

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Note: The math requirement and natural science component of the Baccalaureate Experience are fulfilled by courses in the above sequence (i.e., BIO 198, CHE 152, MAT 260).

Many of the pre-health professions concentration elective biology classes are offered only in the fall or spring. It is the student's responsibility to track the semesters in which they are offered. In addition, many of the electives are required for admission into certain professional schools. It is the student's responsibility to research such admission requirements and to select the appropriate courses through their biology electives and major courses. Note that CHE 152–153 and CHE 252–253 are typically offered only in the fall and CHE 154–155 and CHE 254–255 are typically offered only in the spring. Failure to take these courses prior to the end of year three may result in a delay in applications for professional schools. These courses and others are often available during summer terms.